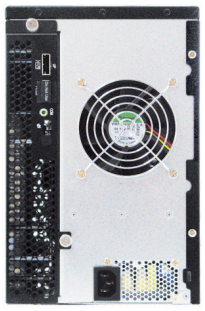
Xtore™ StudioSTOR™ 5T

StudioSTOR™

XTORE PROFESSIONAL

Features
12Gbps wide SAS host and expansion ports, up to 3-Gb/sec per port
Cable-less backplane/controller design for maximum reliability
Support for RAID levels 0, 1, 4, 5, 6, 10, 40, 50, 60, JBOD and DVRAID
Support up to 128 virtual SAS/SATA drives

Applications
Support for digital media workgroup solutions requiring high-bandwidth and data protection
Audio/Video, VOD, Video Editing, Digital Content Creation, Tiered Storage Environments, HD/SD Streaming and other data intensive environments



Rear View

Dimensions (W x D x H)

mm : 177 x 311 x 280
inches : 7 x 12 x 11

Xtore™ StudioSTOR™ 5T is a desktop RAID subsystem designed for high performance storage demand. With 12Gbps wide SAS bandwidth host and expansion interface supporting both SAS and SATA drives, Xtore™ StudioSTOR™ 5T quadruples the standard data transfer rate of a conventional desktop SATA RAID subsystem.

Xtore™ StudioSTOR™ 5T utilizes a top leading RAID controller cards such as ATTO R380 providing 3-Gb SAS/SATA II connectivity with integrated RAID support and is ideal for digital video environments that requires a high level of data protection and performance.

High Performance Desktop RAID Solution

The data bandwidth of Xtore™ StudioSTOR™ 5T is 1200MBps per SAS host connection. The performance of the bus is achieved by combining four SAS channels with each supporting 3Gbps full duplex speed. Together with a SAS RAID controller card in the host server, this storage enclosure can deliver an unprecedented performance.

Easy Maintenance and Management

Xtore™ StudioSTOR™ 5T series supports SES (SCSI Enclosure Service) for status monitoring and in-band firmware update. User can perform RAID management through RAID controller Graphical User Interface (GUI) and a system status monitoring through a serial port.

80 PLUS Green Solution FC CE UL Serial Attached SCSI SERIAL ATA 3Gb/s RoHS

Specifications		
Host Interface	1 x 12Gbps SAS wide port	
Expansion Interface	1 x 12Gbps SAS wide port	
No. of Drive Trays	5	
Configurable RAID Stripe Size	64K, 128K, 256K	
OS Support	Microsoft Window Vista, Windows 7, 2000 Server, 2003 Server, Mac OS, Snow Leopard, RedHat Linux, SuSE Linux, Fedora	
Storage Management Software	RAID controller GUI	
Power Supply	250W Single 80+ Bronze	
Universal AC Input	90VAC ~ 264VAC	
RAID Specs	• SES Support • S.M.A.R.T Support • SNMP • Support for Staggered drive spin-up • Pass-through mode to support tape devices • Support for RAID levels 0, 1, 4, 5, 6, 10, 40, 50, 60, JBOD • On-line capacity expansion • Hot spare, auto-rebuild • Native Command Queuing • Cache memory—256MB ECC protected memory • User friendly GUI for RAID setup	
Recommended Workstation	• HP Z400, Z800, XW8600 • Dell T5500 • Apple Mac Pro Nehalem • Apple Mac Pro Harpertown	
Operating Temperature	Temperature 0ºC to 35ºC Relative humidity 20% to 80%	
Non-operating Temperature	Temperature -20ºC to 60ºC Relative humidity 10% to 90%	
Gross Weight	9kgs / 19.8lbs	
Reference Container Loading :	20’	560
	40’	1150
	40’ H	1380

Connection Diagram

StudioRAID™ 5Te

StudioSTOR™ 5T

StudioSTOR™ 5T

Ordering Information

Part Numbers	Descriptions
XJ-SA11-0053-SS0111-A1	Xtore™ StudioSTOR™ 5T expansion unit with 5pcs WD 1TB HDD, 1M Molex 8088-8088 SAS cable
Accessories	
CBL-SAE-IPIP-1M	1M Molex 8088-8088 SAS cable
XT-HDD-WD1TBCT1-A1	WD 1TB spare drive + tray
FRU Parts	
PSU-1S250X-P-XJ-R	250W power supply
HDT-SS-AVID-SR	3.5” HDD short trays
BKP-SAS3-1-R	Single SAS 3G B/P for 1P, 1K, 1TN RoHS
XT-IOT-JT5SA-TW	SAS IO module VSC7155 for 5 bay tower
FAN-9025XJ-SU-3-R	90mm fan
HDT-SS-AVID-SDR	3.5” HDD short dummy trays
XT-BZL-XSS5BT-A1	Xtore™ StudioSeries™ plastic front bezel
CBL-PSC-USASPEC	US spec power cord (PS-CORD)
CVR-SA12-SEB-AVID	Side cover tray for expander board
CVR-XJ-SA12-S-AVID	Side cover
CVR-XJ-SA12-T-AVID	Top cover

Remark: All specifications and photos are subject to change without notice.

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